

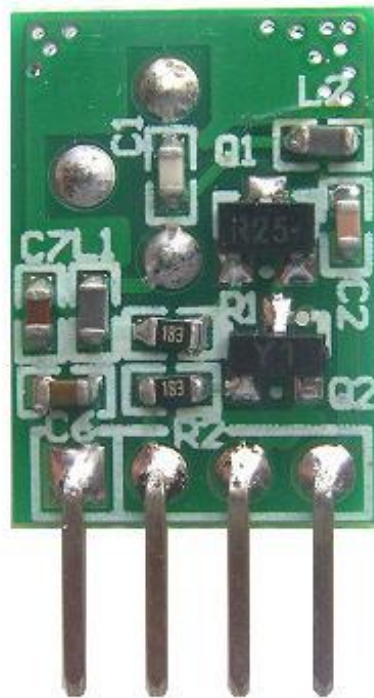


## ASK Transmitter Module

### General Description:

The TX1 is an ASK Hybrid transmitter module.

The TX1 is an ASK transmitter module .The result is excellent performance in a simple-to-use .The TX1 is designed specifically for remote-control , wireless mouse and car alarm system operating at 315MHZ.





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**Product Key Features:**

- § the rang can be upto 300–500m matching with RXB8.
- § Operation voltage: VCC= 3 to 15 V;
- § Frequency: 315MHz/433.92MHz(others are available);
- § High output power: >10dBm;
- § Frequency tolerance:  $\pm 75$  KHz;
- § Current: 10mA;
- § Operating temperature:  $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- § Small Size with Size of PCB: 11x16x5.5MM;
- § Bit rate: <3kbps;
- § Circuit Shape: PLL;

**Product Application:**

- \* Remote gate controls
- \* Remote keyless entry
- \* Car alarm systems
- \* wireless security systems
- \* Automation systems





Pin Assignment :

Pin	Name	Function
1	ANT	Antena In
2	GND	Ground
3	DATA	Data connected to MCU
4	VDD	Positive Supply Power

Electrical Characteristics :

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VDD-GDN 3V-5V TA-25°C

Characteristics	Symbol	Condition	Value			Unit
			Min	Typ	Max	
Frequency	Fc		315		433.92	MHz
Modulation Mode			ASK			
Output power		9V/50Ω		10dBm		dBm
Data-rate				2.4K		Hz
Frequency Tolerate	Fc			±75K		Hz
Current	IRC				10	mA
Working Voltage	VCC		3		5	V
Working Temperature	TC		-40		+85	°C

Mechanical Dimension:

